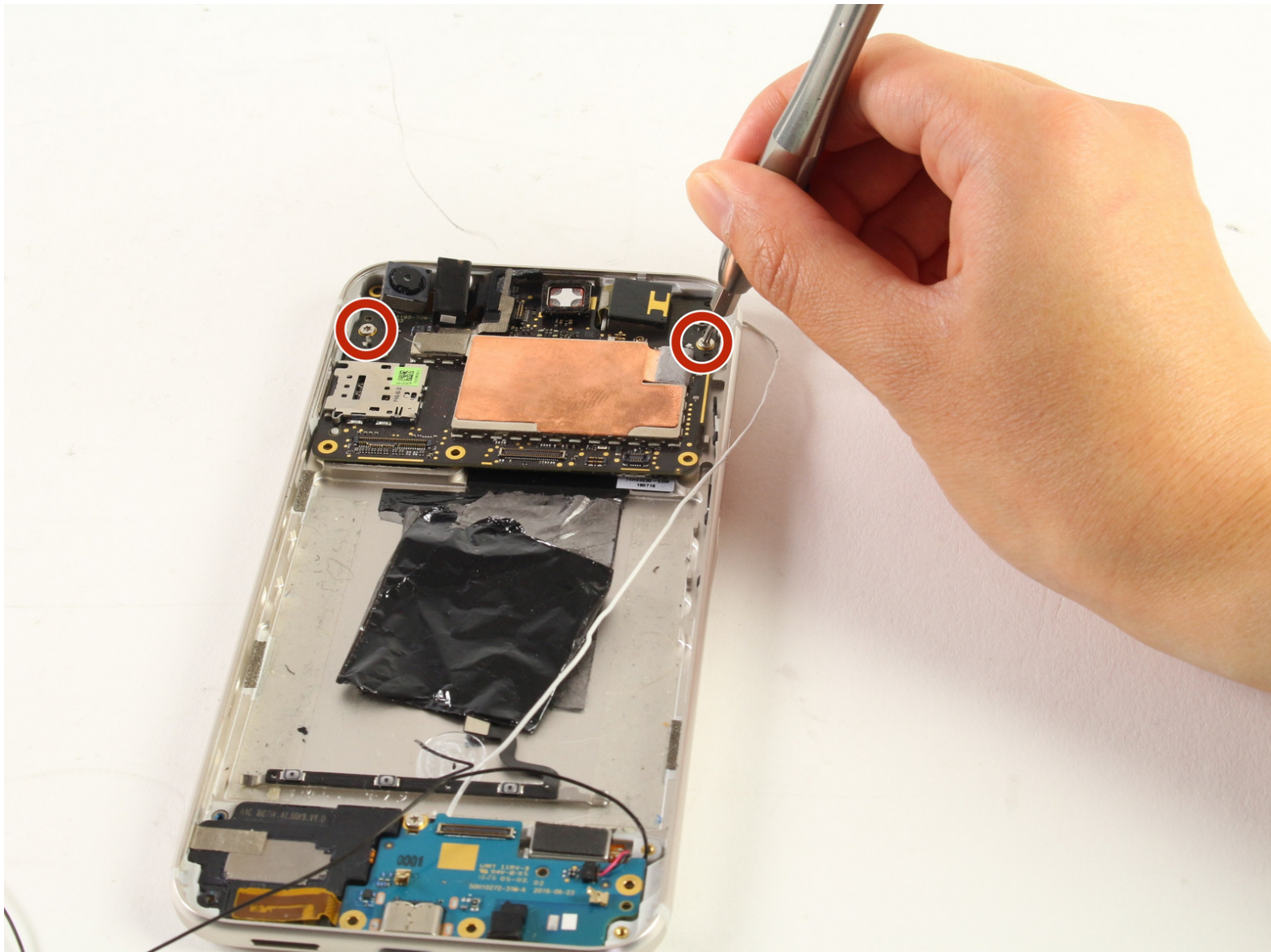




Google Pixel XL Rear Facing Camera Replacement

This guide will teach how to replace the rear facing camera on the Google Pixel XL

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INTRODUCTION

This guide will teach you how to replace the rear facing camera on your Google Pixel XL. The steps should be easy to follow and the rear facing camera will be found on the motherboard of the device.



TOOLS:

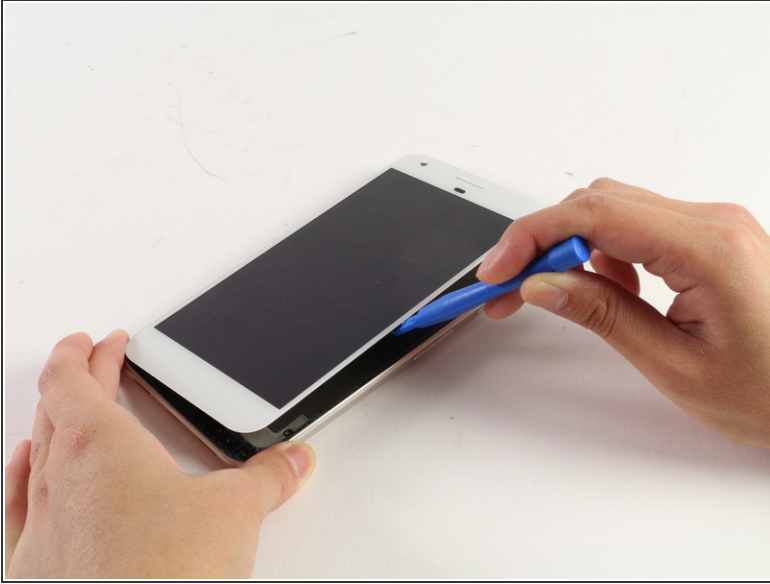
- [iFixit Opening Tools](#) (1)
 - [Suction Handle](#) (1)
 - [T5 Torx Screwdriver](#) (1)
 - [SIM Card Eject Tool](#) (1)
 - [Spudger](#) (1)
-




Step 1 — Battery



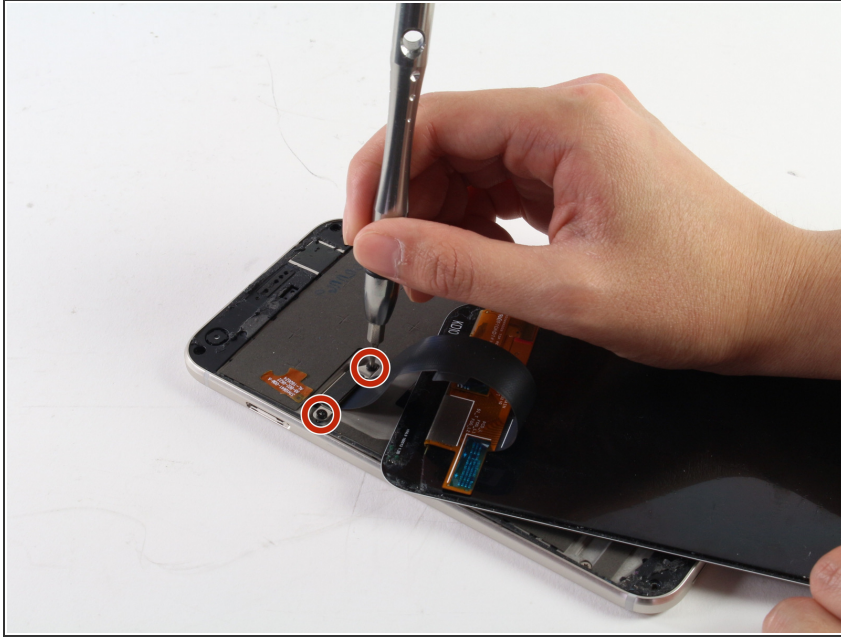
- Power off your device.
- Remove the SIM card tray by sliding it out with your hands.

Step 2



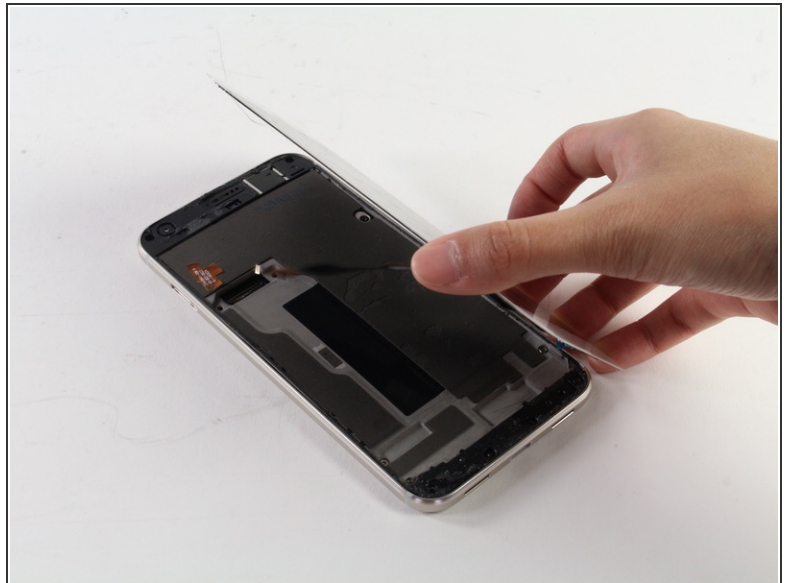
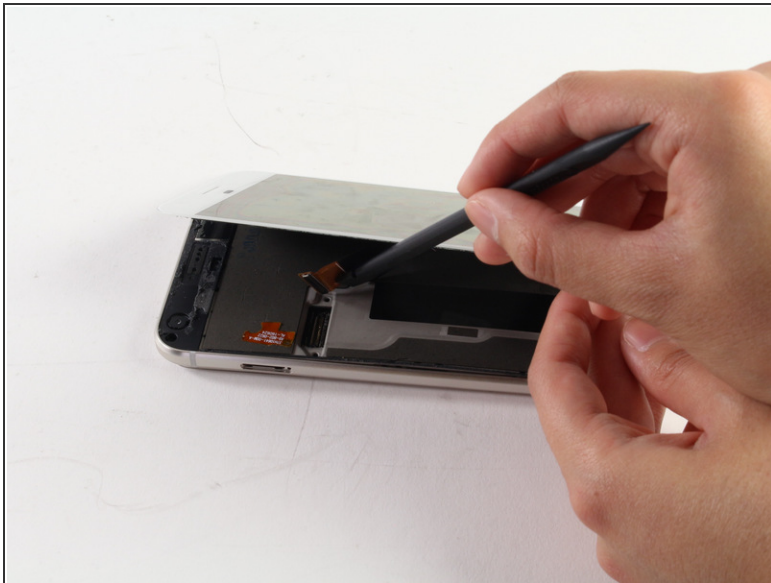
-  Be careful when pulling the glass screen off the phone because there is a connector which connects the screen to the phone. This connector will be removed separately in the next step.
-  It may be necessary to heat the glass panel with a heat gun or hair dryer to soften the adhesive.
 - Carefully pry the front display assembly off the phone by sliding a plastic opening tool around the seam of the device.
-  Use the suction cup to pull the screen off if it will not come off with the opening tool.

Step 3



- Use the T5 screwdriver to undo the two black, 4mm screws which hold the screen connector shield in place.
- Gently remove the metal screen connector shield.

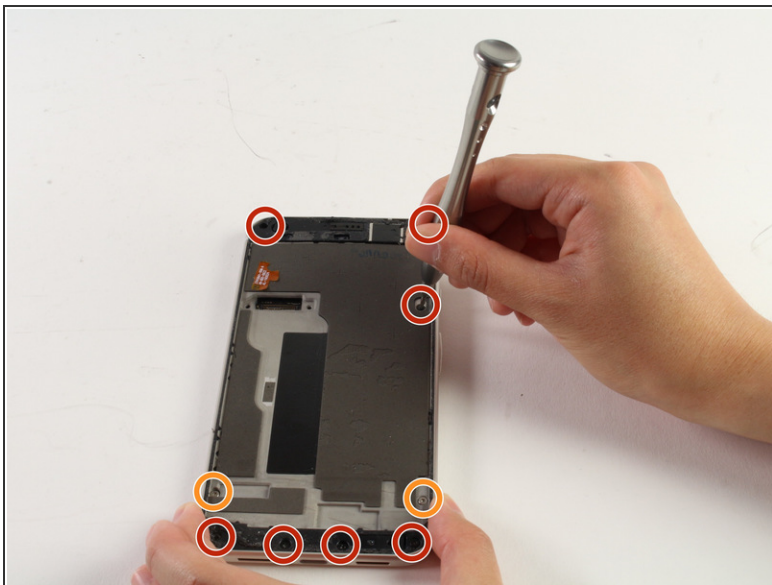
Step 4



⚠ Be careful not to damage the connector when performing this step.

- Use the spudger or your fingernail to lift off the connector that holds the screen in place.
- Lift off the display assembly completely and place it off to the side.

Step 5



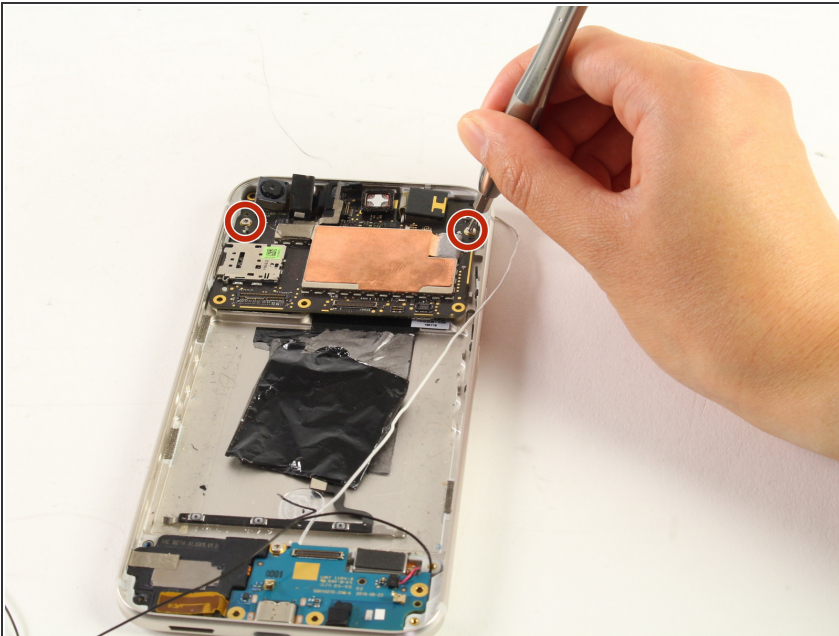
- Unscrew the seven black 4mm T5 screws.
- Unscrew the two silver 3mm T5 screws which secure the mid frame assembly.
- ⓘ There will be clicks as you take the mid frame out of the phone due to the clips that normally hold it in place.
- Lift the mid frame from the rear casing by pulling it upwards.

Step 6



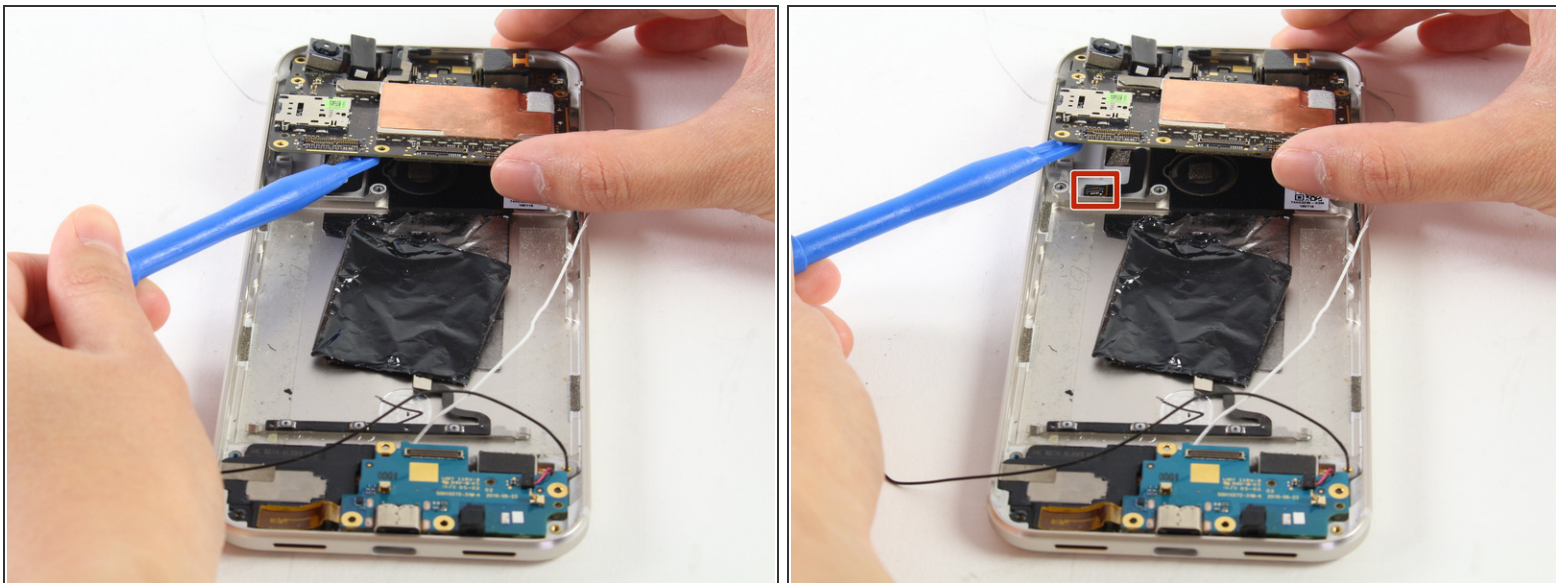
- Remove the connector from the battery to the motherboard.
- ⚠ Use extreme care when handling the battery. A puncture or bend could result in an explosion.
- Slide the spudger around the edges very carefully to pry the battery off the rear casing.

Step 7 — Rear Facing Camera



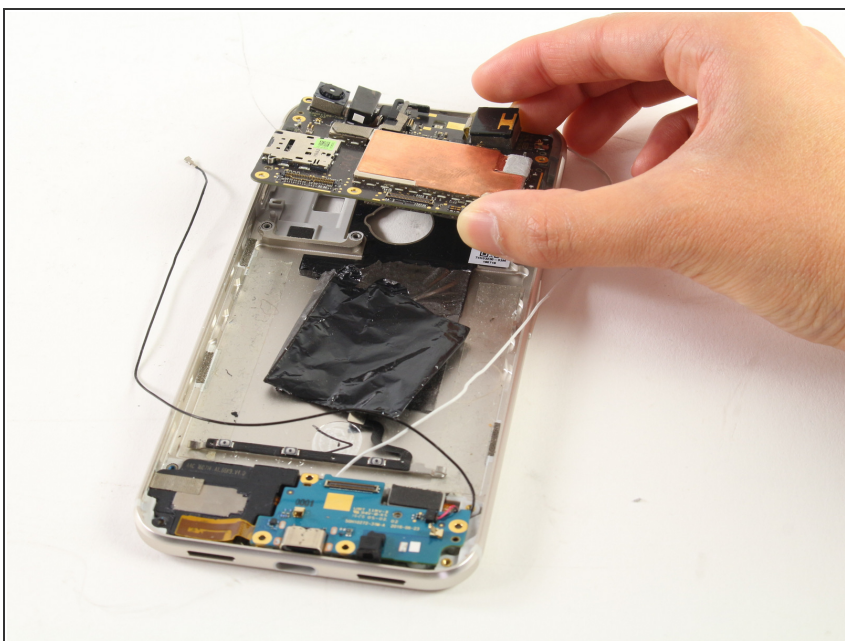
- Remove the two remaining 3mm T5 screws which secure the motherboard in place.

Step 8



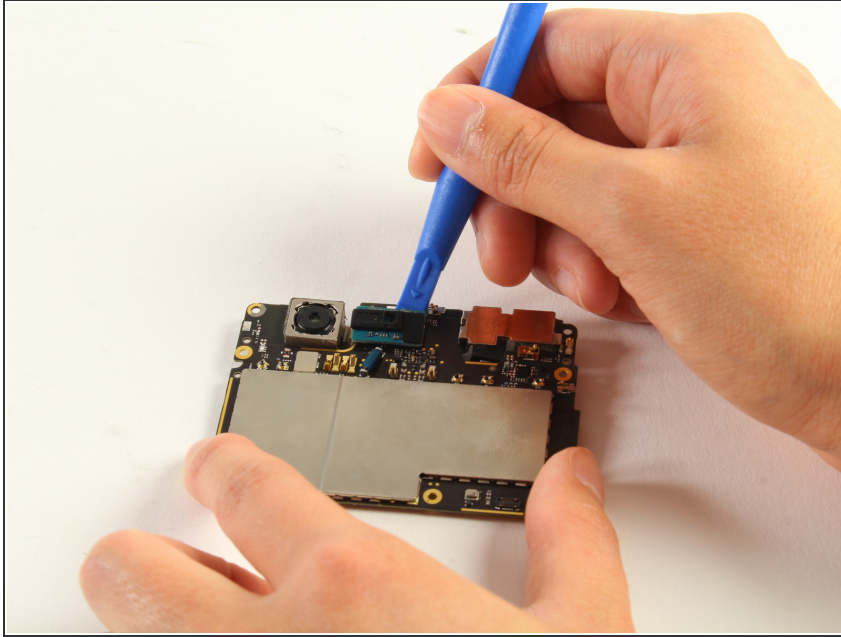
- Gently lift the motherboard slightly to access the connector which holds the motherboard from the bottom.
- Disconnect the connector by pulling it away from the board.

Step 9



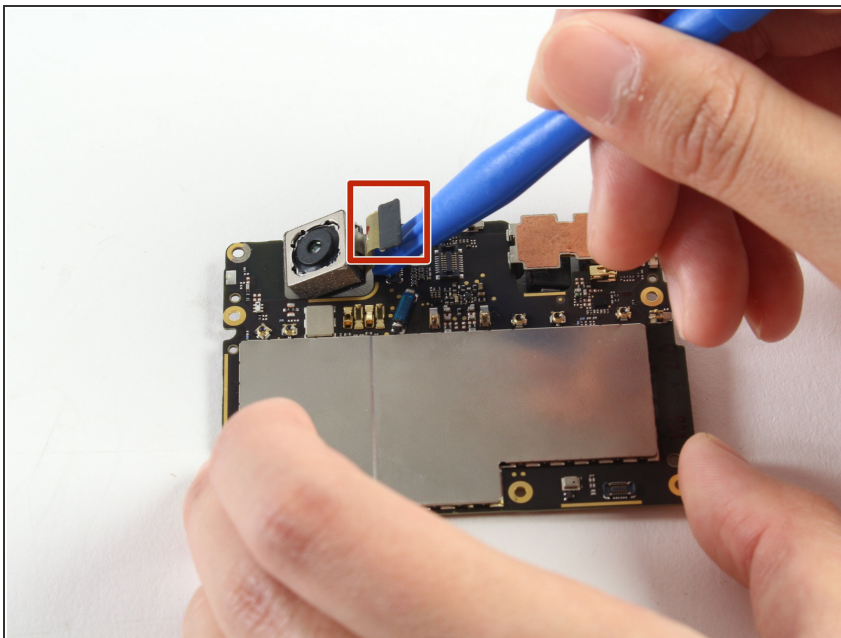
- Once the connector is removed, lift the motherboard out of the phone.

Step 10



- Orient the motherboard so that the large rear camera is on the top and facing upwards.
- On the motherboard, remove the small blue board by prying it off with the plastic opening tool.

Step 11



- Using the plastic opening tool, undo the small connector which holds the camera in place.
- Remove the camera from the board by gently lifting it off.

To reassemble your device, follow these instructions in reverse order.

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